

Project of common interest:

6.24.4

Gas interconnection

North-South gas interconnections in Central Eastern and South Eastern Europe

COUNTRIES INVOLVED

Romania (RO)
Hungary (HU)

PROJECT PROMOTERS

FGSZ Ltd. (HU)
SNTGN TRANSGAZ SA (RO)
fgsz.hu/hu-hu/javasolt-pci-projektek-publikalasa

BASIC TECHNICAL DATA

Capacity: Városföld-Ercsi-Győr pipeline (HU) : 5.2
Ercsi-Százhalombatta pipeline (HU) : 3.45
Romanian-Hungarian reverse flow : 2.65
Voltage: 4.5
Length: Városföld-Ercsi-Győr pipeline (HU) : 210 km
Ercsi-Százhalombatta pipeline (HU) : 11 km

LOCATION

In Hungary, between - Városföld (Southern Great Plain), Ercsi (Central Hungary) and Győr (Western Transdanubia).

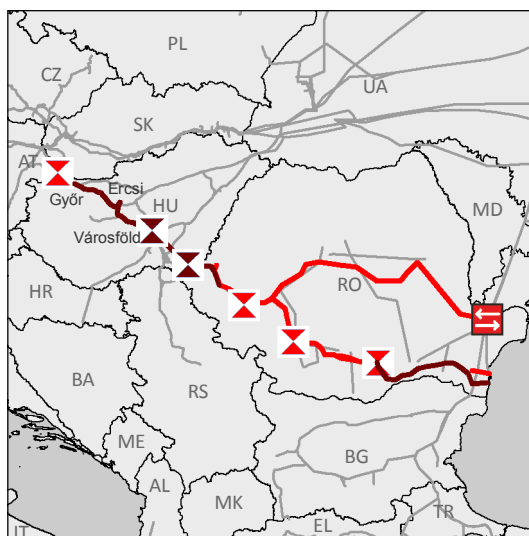
- between Ercsi and Százhalombatta (Central Hungary).
- close to the existing compressor station at Városföld (Central Hungary).
- Jupa, Bibești and Podișor;
- Black Sea shore – Podișor route
- close to the existing measuring station at Csanádpalota (RO/HU border)

COMMISSIONING DATE

2022

LAST UPDATE

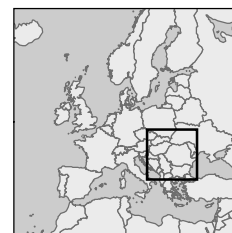
September 2018



- ✠ PCI 6.24.4 - Gas compressor station
- PCI 6.24.4 - Gas pipeline
- Existing pipeline network

Projects belonging to cluster 6.24

- ✠ Gas compressor station
- ↔ Gas reverse flow
- Gas pipeline



Source: PLATTS, GISCO, European Commission

Definition

- 6.24.4 - ROHUAT/BRUA – 2nd phase, including:
- Városföld-Ercsi-Győr pipeline (HU) (2nd phase);
 - Ercsi-Százhalombatta pipeline (HU);
 - Városföld compressor station (HU);
 - Expansion of the transmission capacity in Romania towards Hungary up to 4.4 bcm/year (2nd phase)
 - Black Sea shore — Podișor (RO) for taking over the Black sea gas;
- Romanian-Hungarian reverse flow: Hungarian section 2nd stage Csanádpalota or Algyő (HU)(2nd phase)

Cluster

PCI 6.24.4 - belonging to cluster 6.24: Cluster phased capacity increase on the Bulgaria — Romania — Hungary — Austria bidirectional transmission corridor (currently known as "ROHUAT/BRUA") to enable 1.75 bcm/a in the 1st phase, 4.4 bcm/a in the 2nd phase, and including new resources from the Black Sea in the 2nd and/or 3rd phase

Type of technology employed

- New 11 km long DN800, PN63 onshore natural gas pipeline Ercsi and Százhalombatta (Central Hungary), enabling potential transmission towards Vecsés IP up to 13.6 Mcm to prepare the increased SK/HU bidirectional capacity deliveries
- one 5,7 MW additional compressor unit.
- Pipeline between Recas and Horia with a length of 50 km and upgrade of the existing compressor stations Jupa, Bibești and Podișor; upgrade of Horia measuring station
- New onshore pipeline with a length of 308 km and with a capacity of 6 bcm/year; shall be telescopic, with diameters of 48" (Dn 1200) and 40" (Dn 1000).
- One 4.5 MW additional compressor unit at Csanádpalota and enlargement the measuring station up to 500 000 cm³/h, which will improve the daily capacity of Csanádpalota IP (RO/HU) and (HU/RO) directions up to 11.4 Mcm/day (4,17 Bcm/a (0oC))

Implementation status

Planned but not yet in permitting

Energy

Note: The project location as depicted on the map is indicative only. The final location will be determined once the permit granting procedure has been completed.